



Supplementary fig S1. Bosutinib inhibit cell migration and invasion is ACK1 dependent and SRC independent. SK-Lu-1 were transfected with various siRNA using Oligofectamines and harvested at 72 h. (A) Quantitative real time PCR analysis was performed using 20 ng cDNA and respective primer set for *ack1* and *src* normalized to *gapdh*. The serum-starved cells were trypsinized and seeded in the upper chamber of the Transwells (8 μm pore, B) or Matrigel™ (C), in the presence of DMSO or 0.5 μM of bosutinib. Medium containing 10% FBS and DMSO or bosutinib (0.5 μM) was used as chemoattractant in the lower chamber. Cells were fixed and stained with 0.5% crystal violet blue after 6 h (migration, B) and 24 h (invasion, C). Cells that migrated across the filter were counted. Experiments were carried out in duplicates with five random fields counted.